

- FIG. 20. *Laparus* sp. , Jan. 1900.  
 21. " *?tabidus*, Feb. 1900.  
 22. *Trymodera aterrima*, Nov. 1898 to Jan. 1899.  
 23. *Epicauta pectoralis*, Nov. 1898 to Jan. 1899.  
 24. " *subcoriacea* " " "  
 25. " *celestina*, Feb. 1900.  
 26. " " or *subcoriacea*, Nov. 1898 to Jan. 1899.  
 27. *Lytta moesta*, Nov. 1898 to Jan. 1899.  
 The following figures represent a beautiful little group  
 of species of *Megachile* and their mimics.  
 28. *Megachile nasalis* ♀, Nov. 1899.  
 29. " *chrysorrhœa* ♀, Jan. 1900.  
 30. *Cælioxys pusilla* ♂, Dec. 1899. Probably parasitic on one  
 of the two former species.  
 31. *Laphria* sp., near *flavipes*, Feb. 1900.
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## EXPLANATION OF PLATE XXII.

GROUP OF YELLOW-TAILED, BLACK MASHONALAND ACULEATES,  
 ALMOST ENTIRELY DIPLOPTERA, AND THEIR MIMICS. A XYLO-  
 COPID AND ITS ASILID MIMIC.

All the figures are about  $\frac{4}{5}$  of the natural size.

All the specimens were captured by Guy A. K. Marshall, and all,  
 except those otherwise described, are from Salisbury, Mashonaland,  
 5000 feet.

- FIG. 1. *Scolia erythropyga* ♂, Dec. 1899.  
 2. " " ♀, April 1900.  
 3. *Salius tamisieri* ♂, Mar. 1900.  
 4. " " ♀, Nov. 1899.  
 5. " *spectrum* ♂, Jan. 1900.  
 6. *Rhynchium synagroides* ♂, Feb. 1900.  
 7. *Synagris abyssinica*, var. ♀, Umtali, 3700 feet, Dec. 1900.  
 8. " *mirabilis* ♀, April 1899.  
 9. " *emarginata* ♀, Mar. 1900.  
 10. " *analis* ♀, Umtali, 3700 feet, Dec. 1900.  
 11. " " ♂, Dec. 1899.  
 12. " *xanthura* ♀, Jan. 1900.  
 13. " *emarginata* ♂, April 1900.

- FIG. 14. *Eumenes dyschera* ♂, Jan. 1900.  
 15. *Trochilium* sp. , Umtali, 3700 feet, Dec. 1900.  
 16. " " " "  
 17. *Bombylius* sp. nov., Feb. 1900. "  
 18. *Silrus pertusus*, Nov. 1898.  
 The two remaining figures illustrate the mimicry of a large Asilid fly for a common type of African Xylocopid bee.  
 19. *Xylocopa flavo-rufa* ♀, Oct. 1899.  
 20. *Hyperechia marshalli* ♂, Feb. 1899. Mimic of the above.
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### EXPLANATION OF PLATE XXIII.

#### MASHONALAND ACULEATES AND THEIR MIMICS.

All the figures are about  $\frac{1}{10}$  of the natural size.

All the specimens were captured by Guy A. K. Marshall at Salisbury, Mashonaland, 5000 feet.

Figs. 1 to 11 are a group of small insects with black head and thorax and yellow or fulvous abdomen.

- FIG. 1. *Elis aureola* ♀, April 1900.  
 2. *Philanthus fuscipennis* ♀, Feb. 1900.  
 3. " *diadema* ♀, Oct. 1899.  
 4. " " ♂, Jan. 1900.  
 5. " *bucephalus* ♂, Feb. 1900.  
 6. *Rhynchium radiale* ♀, Jan. 1899.  
 7. " *rubens*, var. ♀, Jan. 1899.  
 8. " " var. ♀, Feb. 1900.  
 9. *Sphecodes rufiventris* ♀, April 1899.  
 10. *Chalcis bicolor* ♂, April 1900.  
 11. *Athalia bicolor*, Jan. 1900.  
 The two following figures represent outlying members of the group represented in Figs. 14 to 19, the colour of the head and thorax being of a darker tint.  
 12. *Xylocopa lateritia* ♀, Jan. 1900.  
 13. " *flavo-rufa* ♀, Oct. 1899.  
 Figs. 14 to 19 are black, dark-winged insects with yellowish head and thorax.  
 14. *Podalirius acraensis* ♀, May 1899.  
 15. *Anthophora basalis?* ♀, Oct. 1899.  
 16. *Xylocopa olivacea* ♀, June 1900.  
 17. " *modesta* ♀ " "